

IN THE ABSTRACT

Methods and systems to provide support for single stepping a virtual machine in a virtual machine environment are disclosed. An exemplary method may ~~includes~~ include receiving a request to transition control to a virtual machine (VM) from a virtual machine monitor (VMM), determining that a single-stepping indicator is set to a single stepping value, and transitioning control to the VM. Further, if an execution of a first instruction in the VM completes successfully, control is transitioned to the VMM following the successful completion of the execution of the first instruction.